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Respectfully submitted,



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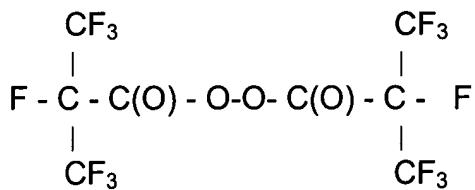
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Enclosures: Marked-up Copy of Amended Claims

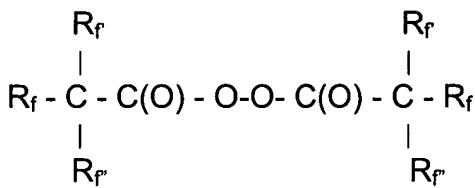
**MARKED-UP COPY OF AMENDED CLAIMS**  
**ATTY. DOCKET NO. 108910-00056**

4. (Amended) A polymerization process according to [claims 2-3] claim 2, wherein at temperatures of the order of 50° - 80°C, the perfluorodiacylperoxides of structure (C) or the compound of structure (A) having the formula:



are used.

5. (Amended) A polymerization process according to [claims 2-3] claim 2, wherein at temperatures of the order of -20° - +25°C, the perfluorodiacylperoxides of structure (A) of formula:



are used, wherein when  $\text{R}_f$  is  $-\text{CF}_3$ ,  $\text{R}_f$  and  $\text{R}_f'$  are  $\text{C}_1\text{-C}_3$  linear or branched perfluoroxyalkyl groups.

6. (Amended) A polymerization process according to [claims 2-5] claim 2, wherein the fluorinated monomers are selected from:

-  $\text{C}_2\text{-C}_8$  perfluoroolefins, such as tetrafluoroethylene (TFE), hexafluoropropene (HFP);

- C<sub>2</sub>-C<sub>8</sub> hydrogenated fluoroolefins, such as vinyl fluoride (VF), vinylidene fluoride (VDF), trifluoroethylene, CH<sub>2</sub>=CH-R<sub>f</sub> perfluoroalkylethylene, wherein R<sub>f</sub> is a C<sub>1</sub>-C<sub>6</sub> perfluoroalkyl, hexafluoroisobutene;

- C<sub>2</sub>-C<sub>8</sub> chloro-fluoroolefins, such as chlorotrifluoroethylene (CTFE);

- CF<sub>2</sub>=CFOR<sub>f</sub> (per)fluoroalkylvinylethers (PAVE), wherein R<sub>f</sub> is a C<sub>1</sub>-C<sub>6</sub> (per)fluoroalkyl, for example CF<sub>3</sub>, C<sub>2</sub>F<sub>5</sub>, C<sub>3</sub>F<sub>7</sub>;

- CF<sub>2</sub>=CFOX (per)fluoro-oxyalkylvinylethers, wherein X is: a C<sub>1</sub>-C<sub>12</sub> alkyl, or a C<sub>1</sub>-C<sub>12</sub> oxyalkyl, or a C<sub>1</sub>-C<sub>12</sub> (per)fluoroxyalkyl having one or more ether groups;

- perfluorodioxoles, such as 2,2,4-trifluoro-5-trifluoromethoxy-1,3-dioxole (TTD), 2,2-bis-trifluoromethyl-4,5-difluoro-dioxole (PPD);

- sulphonic monomers, such as CF<sub>2</sub>=CFOCF<sub>2</sub>CF<sub>2</sub>SO<sub>2</sub>F;

- fluorinated dienes such as CF<sub>2</sub>=CFOCF<sub>2</sub>CF<sub>2</sub>CF=CF<sub>2</sub>, CF<sub>2</sub>=CFOCCI<sub>2</sub>CF<sub>2</sub>CF=CF<sub>2</sub>, CF<sub>2</sub>=CFOCF<sub>2</sub>OCF=CF<sub>2</sub>, CF<sub>2</sub>=CFOCF<sub>2</sub>OCCl=CF<sub>2</sub>, CF<sub>2</sub>=CFOC(CF<sub>3</sub>)<sub>2</sub>OCF=CF<sub>2</sub>.

7. (Amended) A polymerization process according to [claims 2-6] claim 2, wherein the perfluorodiacylperoxide initiator is fed in a continuous way or by a single addition at the starting of the polymerization.

8. (Amended) A polymerization process according to [claims 2-7] claim 2, wherein the amount of perfluorodiacylperoxide initiator is in the range 0.0001% - 5% by moles with respect to the amount of the fed monomers.